

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Cape Reinga AWS	214	17.5	12.0	14.8	+0.3	20.0	7	9.1	13	..	..	..	..	..	..
Kaitaia Aero EWS	80	19.2	10.3	14.8	+0.3	21.5	5	5.9	10	67	12	-26	33	11	..
Kaitaia EWS	85	19.1	10.1	14.6	+0.2	22.0	21	6.2	10	78	11	-13	19	27	..
Kerikeri EWS	79	20.0	8.7	14.4	+0.2	24.1	26	3.0	14	49	10	-82	19	11	..
Kerikeri Aerodrome Aw	150	19.5	9.2	14.4	+0.4	24.0	26	4.4	14	56	18	-71	16	11	..
Kaikohe AWS	204	18.0	9.3	13.7	+0.2	22.1	22	5.6	14	62	17	-38	30	11	..
Trounson CWS	244	17.3	8.2	12.8	..	21.6	27	4.3	3	90	16	-45	34	27	..
Dargaville 2 EWS	66	18.5	10.0	14.3	+0.0	..	..	6.6	3	52	10	-34	28	27	226
Purerua AWS	82	18.7	10.4	14.6	..	21.7	28	5.5	14	32	10	..	15	27	..
Russell CWS	15	19.8	8.6	14.2	..	24.1	26	2.5	14	46	21	..	16	27	..
Whangarei Aero AWS	37	19.5	10.0	14.8	+0.1	23.0	27	5.7	14	42	12	-42	10	11	..
Whangarei EWS	12	19.9	8.1	14.0	..	23.2	27	3.2	14	32	9	..	13	11	216
Mokohinau AWS	60	17.8	13.2	15.5	+0.6	..	..	..	..	..	..	..	..	..	..
Leigh 2 EWS	27	19.2	11.2	15.2	+0.5	23.5	27	6.5	14	69	14	-14	23	11	..
Warkworth EWS	72	18.7	6.9	12.8	-0.7	21.8	27	1.1	14	72	10	-36	22	11	..
Whangaparaoa AWS	89	18.6	11.0	14.8	+0.2	21.4	25	7.1	13	74	11	-4	25	11	..
Tiri Tiri Lighthouse	76	17.7	11.2	14.5	+0.3	20.4	22	7.4	13	83	14	+3	28	27	..
Auckland, Whenuapai A	26	18.5	8.0	13.3	-0.4	21.8	27	3.6	14	..	..	..	..	..	..
Auckland, North Shore	64	18.5	8.2	13.4	..	21.8	20	4.2	9	61	11	..	15	27	215
Auckland, Henderson N	7	19.9	8.1	14.0	-0.4	23.8	20	3.2	14	68	13	-51	19	11	..
Auckland, Motat EWS	16	18.9	9.0	14.0	..	21.5	21	4.7	14	64	11	..	17	11	247
Waiheke Island, Awaro	34	19.2	10.2	14.7	..	22.0	21	5.0	14	98	9	+1	35	27	..
Whitianga Aero AWS	5	18.9	7.9	13.4	-0.5	23.0	20	1.0	14	54	12	-85	21	27	..
Whitianga EWS	1	20.2	7.5	13.9	..	24.5	20	1.8	14	61	10	..	28	27	..
Thames 2	3	19.2	8.5	13.9	-0.3	22.2	..	2.1	..	86	11	-7	23	27	..
Paeroa AWS	18	19.0	7.9	13.5	-0.4	22.5	23	1.4	14	74	10	-17	26	27	..
Toenepe EWS	48	18.4	6.8	12.6	-0.9	22.8	19	0.6	14	..	..	..	..	..	..
Matamata, Hinuera EWS	85	18.7	6.4	12.6	+0.0	22.2	20	0.3	14	81	10	..	25	30	..
Tauranga CWS	3	19.3	10.2	14.8	..	23.1	20	5.1	14	121	14	..	35	11	..
Tauranga Aero	..	..	..	..	..	..	..	..	..	..	..	..	..	..	240
Tauranga Aero AWS	4	19.3	9.4	14.4	+0.3	22.6	20	4.1	14	79	12	-10	24	11	..
Te Puke EWS	91	19.4	8.0	13.7	+0.4	22.9	20	3.4	14	106	11	-36	30	27	..
Whakatane Aero AWS	7	18.8	8.1	13.5	+0.1	22.7	21	1.4	14	77	14	-22	24	27	..
Whakatane Sunshine	7	..	..	..	..	..	..	..	..	..	..	..	..	..	268
Whakatane EWS	1	18.9	8.7	13.8	..	22.8	21	1.9	14	85	13	..	22	27	..
Mamaku Radar WXT AWS	17	13.7	7.1	10.4	..	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	21.5	8.4	15.0	..	26.5	21	1.7	14	..	..	..	..	..	232
Rotorua EWS	288	18.2	6.2	12.2	..	22.9	23	-1.6	14	96	12	..	26	11	229
Rotorua Aero AWS	283	17.6	6.2	11.9	-0.1	21.8	23	-0.4	19	73	10	-37	17	12	..
Galatea AWS	174	19.1	6.9	13.0	..	24.1	20	-1.3	14	65	13	..	19	27	..
Taupo CWS	360	18.6	5.9	12.3	..	24.1	23	-2.1	19	47	12	..	17	29	..
Tarapounamu EWS	701	16.0	6.4	11.2	..	22.3	21	-0.7	14	114	13	..	30	30	..
Taupo AWS	400	16.7	5.6	11.2	+0.1	22.2	23	-3.5	19	53	11	-33	18	29	..
Motu EWS	488	16.9	5.4	11.2	+1.0	21.9	20	-3.2	14	200	15	-7	61	27	..
Auckland, Mangere EWS	5	18.5	10.2	14.4	+0.0	21.2	20	6.6	15	74	11	-17	20	11	205
Auckland Aero	7	18.2	10.4	14.3	-0.2	21.2	27	7.2	15	77	14	-17	19	11	..
Auckland Aero Backup	7	18.2	10.3	14.3	..	..	..	..	..	..	..	..	..	..	..
Ardmore Aero AWS	41	19.3	8.0	13.7	..	..	..	..	..	..	..	..	..	..	..
Pukekohe EWS	88	18.3	8.4	13.4	-0.1	21.2	19	2.8	14	81	12	-39	21	11	..
Firth Of Thames EWS	1	18.8	6.9	12.9	..	21.8	23	0.8	14	122	11	..	74	27	..
Whatawhata 2 EWS	118	17.9	4.5	11.2	-1.9	21.7	19	0.4	14	101	10	-48	32	12	..
Hamilton, Ruakura 2 E	45	19.7	6.6	13.2	+0.0	23.3	22	0.3	14	53	9	-38	14	11	205
Hamilton AWS	53	18.7	6.6	12.7	-0.3	22.3	22	1.2	14	78	9	-20	17	11	..
Lake Karapiro CWS	55	19.2	9.1	14.2	..	22.8	22	3.9	14	78	11	..	17	29	..
Port Taharoa AWS	27	16.7	10.8	13.8	-0.3	20.2	19	..	..	59	11	..	17	12	..
Waikeria EWS	37	19.4	6.4	12.9	..	22.7	19	0.1	19	103	9	..	25	30	191
Te Kuiti EWS	62	19.2	6.4	12.8	-0.2	23.3	23	0.4	14	..	..	..	..	..	192
Pureora Forest CWS	549	15.1	4.7	9.9	..	19.9	19	-2.7	19	76	11	..	16	12	..
Taumarunui EWS	170	17.6	5.3	11.5	..	22.1	19	-1.5	14	..	..	..	..	..	..
Taumarunui AWS	195	18.6	6.7	12.7	..	23.4	19	-0.5	15	63	18	..	23	12	187
Turangi 2 EWS	350	18.0	4.4	11.2	-0.1	23.2	23	-4.1	19	54	8	-93	20	11	150
New Plymouth AWS	30	16.6	8.2	12.4	-0.3	18.8	21	1.4	14	82	11	-43	19	1	242
Lower Retaruke CWS	233	17.9	6.7	12.3	..	22.7	19	-0.2	15	72	11	-80	19	11	..

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm		Hrs	
Mt Ruapehu, Chateau E	1097	12.0	0.4	6.2	-0.2	17.0	19	-4.8	14	120	11	-160	26	11	..
Pahiatua EWS	110	16.9	7.3	12.1	..	24.1	22	-2.4	19	56	12	..	14	29	..
Masterton Aero AWS	138	18.5	4.7	11.6	..	..	..	-3.3	19	50	12	..	16	12	..
Masterton EWS	90	19.4	5.0	12.2	..	25.6	22	-1.4	14	41	9	..	16	12	253
Masterton, Te Ore Ore	110	18.7	5.5	12.1	..	23.7	19	-1.1	19	44	9	-53	17	12	..
Takapau Plains AWS	330	16.6	6.2	11.4	+0.0	21.1	19	-1.8	19	38	11	..	12	29	..
Dannevirke EWS	207	16.4	6.1	11.3	..	22.0	22	-3.4	19	49	11	..	18	29	200
Cape Turnagain AWS	292	14.0	9.2	11.6	..	19.6	19	4.2	13	..	..	..	..	..	..
Akitio EWS	245	14.9	8.0	11.5	..	20.1	19	3.0	13	26	10	..	15	29	258
Castlepoint AWS	120	16.2	10.4	13.3	+0.3	..	..	5.2	13	48	12	-34	28	29	..
Baring Head	79	14.7	9.6	12.2	..	19.9	22	3.1	19	44	12	..	15	29	..
Te Wharau, Brackenfie	292	16.8	6.0	11.4	..	24.4	..	-0.9	19	87	7	..	36	12	..
Martinborough EWS	20	18.2	7.3	12.8	+0.7	24.3	22	-1.5	19	45	9	..	13	29	226
Ngawi AWS	6	17.4	10.9	14.2	+0.5	..	..	5.6	13	59	13	..	18	29	..
Hicks Bay AWS	46	17.9	10.5	14.2	+0.4	20.6	25	3.8	14	..	..	..	..	..	..
Gisborne AWS	5	19.4	8.0	13.7	-0.2	23.7	24	2.9	14	39	8	-31	17	30	274
Gisborne EWS	12	20.2	8.5	14.4	..	24.7	20	3.2	14	30	9	..	13	30	..
Tolaga Bay WXT AWS	12	18.0	8.9	13.5	..	23.6	28	4.6	14	71	20	..	36	12	..
Tutira CWS	235	18.0	7.1	12.6	..	23.1	20	1.0	15	42	8	..	19	12	..
Napier Aero AWS	3	19.3	7.8	13.6	+0.0	26.5	28	1.4	19	29	7	-42	12	30	..
Napier EWS	7	19.4	8.2	13.8	..	26.3	20	1.3	14	23	7	..	8	30	276
Maraekakaho CWS	150	19.1	6.2	12.7	..	25.7	20	0.8	14	16	7	..	5	30	..
Hastings AWS	16	19.7	7.5	13.6	..	25.2	20	0.6	14	22	9	..	13	12	..
Whakatu EWS	5	18.9	5.9	12.4	-0.3	23.4	20	0.3	15	18	7	..	9	12	..
Waipawa EWS	130	18.6	5.3	12.0	..	24.1	23	-2.5	19	18	8	..	6	12	251
Wairoa, North Clyde E	15	19.5	7.4	13.5	-0.4	24.7	24	2.2	15	50	10	-39	24	12	..
Wairoa Aero AWS	13	18.7	7.1	12.9	..	23.7	28	1.9	15	..	..	..	..	..	..
Mahia Radar WXT AWS	419	15.3	9.0	12.2	..	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	17.0	10.2	13.6	+0.3	21.6	28	5.6	14	27	10	-52	9	27	..
Cape Kidnappers WXT A	118	15.9	11.1	13.5	..	19.6	10	5.8	14	..	..	..	..	..	..
Paraparaumu Aero	5	16.2	9.3	12.8	+0.4	19.6	18	0.2	19	86	9	-22	22	29	160
Paraparaumu Aero AWS	5	16.1	9.4	12.8	+0.4	19.7	18	0.4	19	78	9	-38	20	29	186
Paraparaumu EWS	5	16.0	9.0	12.5	..	19.5	18	0.0	19	84	9	-29	21	29	128
Ohakea AWS	50	17.0	9.2	13.1	..	20.7	19	2.5	19	..	..	..	..	..	..
Palmerston North AWS	40	17.4	8.1	12.8	+0.4	21.6	22	-0.8	19	58	12	-26	19	29	..
Palmerston North EWS	21	17.3	8.4	12.9	+0.4	21.5	22	0.6	15	53	11	-42	17	29	131
Levin AWS	14	16.9	9.0	13.0	+0.5	19.6	11	1.7	19	63	10	-43	22	31	..
Levin EWS	23	16.9	8.5	12.7	..	19.5	11	0.3	19	74	8	..	24	31	192
Mana Island AWS	100	13.9	9.8	11.9	..	15.8	6	3.7	13	104	12	..	28	29	..
Porirua, Elsdon Park	3	15.9	9.1	12.5	..	19.1	6	0.3	19	..	..	..	..	..	..
Wellington, Kelburn	125	..	..	..	..	..	..	..	..	..	..	..	..	..	193
Wellington, Kelburn A	125	15.5	9.7	12.6	+0.6	19.6	22	4.1	14	114	13	-4	35	29	..
Wellington Aero	4	16.1	10.4	13.3	+0.4	20.0	22	4.3	13	82	12	-13	27	29	..
Wellington, Greta Poi	3	17.4	10.4	13.9	..	22.0	6	5.4	14	97	11	..	27	29	..
Wellington Aero Backu	4	16.0	10.5	13.3	..	..	..	..	..	..	..	..	..	..	..
Upper Hutt, Trentham	50	16.3	6.6	11.5	..	20.5	22	-4.6	19	103	9	..	27	29	172
Stratford EWS	300	15.9	5.9	10.9	+0.0	20.8	22	0.4	19	135	10	-83	39	27	172
Hawera AWS	98	15.6	7.7	11.7	-0.2	19.6	19	1.1	15	88	10	-22	27	27	..
Ohakune EWS	607	15.1	4.5	9.8	+0.1	19.8	22	-2.5	15	35	9	-107	13	11	153
Waiouru Treatment Pla	806	14.9	3.1	9.0	+0.6	20.0	22	-2.6	15	29	9	-71	10	12	..
Waiouru Airstrip AWS	818	13.5	2.5	8.0	..	18.0	22	-4.0	15	31	15	..	9	12	..
Waiouru EWS	806	14.5	3.5	9.0	..	19.6	22	-2.6	15	34	14	..	11	12	..
Flat Hills WXT AWS	263	16.2	7.9	12.1	..	19.9	22	0.7	15	60	12	-32	22	29	..
Wanganui, Spriggens Pa	15	16.9	9.0	13.0	-0.3	20.9	19	3.2	19	94	9	+6	24	29	..
Wanganui AWS	8	16.7	9.1	12.9	-0.1	20.7	11	2.3	19	83	9	-10	27	12	..
Wanganui 2 AWS	18	18.3	8.7	13.5	..	..	..	..	..	..	..	..	..	..	..
Takaka EWS	20	17.8	6.3	12.1	-0.1	23.0	19	-0.5	13	129	10	-69	58	11	227
Farewell Spit AWS	3	17.7	10.5	14.1	+1.0	21.0	7	5.9	14	65	12	-33	15	11	..
Westport Aero AWS	2	15.6	8.6	12.1	+0.3	17.7	21	2.4	13	90	15	-119	18	1	..
Westport EWS	6	16.1	9.0	12.6	..	18.2	18	3.1	13	109	19	..	23	1	201
Arapito EWS	18	16.2	7.8	12.0	..	19.3	19	-0.8	13	115	16	..	31	1	134
Hokitika Aero	39	15.1	8.1	11.6	+0.5	17.5	22	0.8	13	182	21	-93	37	25	153
Hokitika AWS	38	15.0	8.0	11.5	+0.4	17.7	22	0.7	13	188	21	-85	38	25	191

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Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm	Hrs		
Hokitika EWS	39	15.1	7.9	11.5	..	17.7	22	0.6	13	166	20	..	35	25	..
Reefton EWS	198	17.8	6.9	12.4	+1.2	26.0	22	-0.3	13	45	9	-151	21	11	152
Greymouth Aero EWS	5	14.5	8.3	11.4	..	16.5	24	0.4	13	96	22	..	26	11	165
Pigeon Creek CWS	105	15.7	8.2	12.0	..	..	..	..	..	199	15	..	56	25	..
Mt Philistine EWS	1655	5.0	-0.7	2.2	..	15.2	23	-8.6	13	194	21	..	53	10	..
Mahanga EWS	1995	4.8	-1.6	1.6	..	13.0	21	-10.8	13	89	16	..	27	11	..
Ivory Glacier CWS	1390	8.7	0.6	4.7	..	18.5	21	-7.0	13	366	16	..	124	10	..
Okarito	2	15.1	7.0	11.1	-0.1	..	..	..	..	242	19	-71	117	10	..
Franz Josef EWS	80	14.9	6.6	10.8	+0.3	18.6	22	-0.2	13	212	19	..	87	10	149
Haast AWS	5	14.5	7.4	11.0	+0.7	..	..	..	..	..	..	..	..	..	..
Milford Sound	3	15.1	6.3	10.7	+0.6	18.8	25	0.0	13	334	15	-306	75	10	..
Milford Sound AWS	3	15.0	6.5	10.8	+0.4	19.4	29	0.1	13	367	22	..	84	23	..
Castle Mount EWS	2000	2.3	-4.4	-1.1	..	9.2	22	-11.5	13	..	..	..	..	..	..
Secretary Island AWS	19	14.2	7.9	11.1	+0.2	..	..	3.2	13	..	..	..	..	..	..
Puysegur Point AWS	44	12.7	8.0	10.4	+0.3	18.8	23	4.0	11	..	..	..	..	..	..
Stephens Island AWS	180	14.7	9.8	12.3	..	17.6	21	5.6	13	49	13	..	19	27	..
Motueka, Riwaka EWS	8	18.5	7.8	13.2	+1.0	22.5	20	2.6	14	..	..	..	..	..	..
Pelorus Sd, Crail Bay	13	17.4	9.5	13.5	+0.5	20.1	20	4.0	14	91	10	-101	61	11	..
Nelson Aero	2	16.9	9.0	13.0	+0.6	21.4	17	1.0	13	100	10	+13	45	11	225
Appleby 2 EWS	18	16.7	6.5	11.6	-0.6	20.6	17	1.1	31	59	10	..	27	11	234
Richmond EWS	1	18.1	8.6	13.4	..	22.0	17	2.5	14	88	12	..	34	11	245
Nelson AWS	4	16.8	9.0	12.9	+0.4	21.5	17	2.7	13	77	10	..	37	11	..
Blenheim Research EWS	4	19.0	8.4	13.7	+0.8	25.9	20	1.2	13	34	7	-29	19	25	266
Wairau Valley, Mill R	172	19.3	7.8	13.6	..	27.7	24	0.0	13	44	14	..	30	11	..
Blenheim Aero AWS	35	18.9	6.7	12.8	+0.5	26.1	24	-0.7	13	37	9	-29	12	11	..
Brothers Island AWS	68	14.6	10.7	12.7	+0.2	17.9	5	4.5	13	65	11	..	16	11	..
Grassmere Salt Works	2	16.8	9.4	13.1	-0.2	23.5	19	2.7	15	37	9	-5	11	25	..
Cape Campbell AWS	2	14.4	10.1	12.3	+0.1	17.7	10	3.9	13	36	9	-6	11	25	..
Hanmer Forest EWS	363	18.9	1.7	10.3	+0.1	28.6	24	-3.8	9	66	12	-37	17	29	..
Kaikoura, Middle Cree	5	15.6	5.1	10.4	..	20.1	24	1.3	15	129	22	..	36	12	..
Kaikoura AWS	105	15.1	8.6	11.9	+0.2	21.3	24	2.9	13	86	13	+23	23	12	..
Arthurs Pass	745	12.5	3.9	8.2	+1.0	22.1	21	-2.8	16	154	..	-329	39	11	..
Arthurs Pass EWS	745	12.5	3.8	8.2	+1.2	22.1	22	-3.0	13	148	16	-370	39	11	..
Arthurs Pass AWS	743	11.8	3.8	7.8	..	21.5	22	-2.8	13	177	18	..	45	11	..
Culverden AWS	181	17.6	5.6	11.6	..	26.8	23	-0.7	15	..	..	..	..	..	..
Medbury CWS	232	17.7	5.6	11.7	..	26.6	23	-0.9	15	49	13	..	11	12	..
Balmoral East CWS	172	17.7	4.5	11.1	..	26.9	23	-1.6	15	43	12	..	15	12	..
Waipara North Branch	560	15.4	5.5	10.5	..	25.5	23	-0.5	15	98	11	..	26	29	..
Waiiau School CWS	136	19.2	5.4	12.3	..	28.9	24	-1.0	15	71	9	..	20	12	..
Cheviot EWS	75	17.5	5.0	11.3	..	28.8	24	-0.8	15	79	9	..	18	30	237
Upper Rakaia EWS	1752	5.8	-0.5	2.7	..	16.3	23	-10.6	13	140	16	..	32	10	..
Mt Potts EWS	2128	4.9	-1.9	1.5	..	14.0	23	-12.8	13	30	13	..	9	29	..
Mt Cook EWS	730	15.3	4.2	9.8	+1.2	25.7	23	-4.5	13	165	12	-251	54	10	179
Mueller Hut EWS	1818	5.2	-1.1	2.1	..	12.3	22	-13.0	13	114	12	..	32	11	..
Mt Cook Aero AWS	659	15.8	3.1	9.5	..	26.1	23	-7.5	13	124	11	..	34	10	..
Methven, Three Spring	305	16.0	5.4	10.7	..	28.2	24	0.4	15	..	..	..	..	..	..
Methven CWS	313	16.4	6.1	11.3	..	27.0	24	0.2	15	121	16	..	20	30	..
Winchmore 2 EWS	164	17.3	4.8	11.1	..	28.2	24	-0.8	15	85	13	..	19	11	..
Chertsey CWS	108	16.5	6.3	11.4	..	27.0	24	0.2	6	74	12	..	15	11	..
Peel Forest	286	16.8	4.4	10.6	+0.4	26.5	24	-1.8	13	115	19	+13	21	29	..
Lismore, Racemans Hou	168	16.4	5.5	11.0	..	26.6	24	-0.6	15	76	13	..	18	28	..
Ashburton Aero AWS	89	16.7	4.7	10.7	..	28.8	24	-1.0	15	80	15	..	14	11	227
Wakanui 2 CWS	53	16.1	5.5	10.8	..	26.4	24	-0.3	15	73	13	..	19	25	..
Waipara West EWS	130	17.3	5.6	11.5	..	26.1	24	0.3	15	71	11	..	20	12	236
West Eyreton, Larunde	88	16.2	5.4	10.8	..	24.0	19	0.0	15	..	..	..	..	..	..
Ohoka CWS		15.8	5.3	10.6	..	23.1	21	0.4	4	80	30	..	18	30	..
Rangiora EWS	23	16.5	5.4	11.0	-0.3	24.7	20	0.7	4	58	12	..	13	30	221
Christchurch Aero	37	16.8	5.5	11.2	-0.2	24.8	20	-0.5	15	78	18	+29	19	29	209
Christchurch Aero Bac	37	16.6	5.3	11.0	..	..	..	..	..	..	..	..	..	..	..
Christchurch Gardens	7	17.3	7.0	12.2	+0.0	25.6	19	1.3	15	62	10	+9	12	12	..
Christchurch, Kyle St	6	17.4	7.0	12.2	+0.2	25.5	19	1.1	15	49	10	..	14	12	..
Lincoln, Broadfield E	18	16.8	6.1	11.5	+0.0	24.8	19	-0.5	15	59	12	+8	14	11	241
Sugar Loaf AWS	496	13.9	6.6	10.3	..	..	..	-0.7	13	..	..	..	..	..	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm	Hrs		
Diamond Harbour EWS	122	15.3	7.5	11.4	..	21.9	19	2.7	15	55	10	..	16	12	257
Dorie CWS @ Leferinks	55	16.8	5.9	11.4	..	28.5	24	-0.6	15	55	14	..	17	11	..
Akaroa EWS	45	17.3	7.8	12.6	+0.3	26.2	24	3.5	13	78	10	-4	21	31	227
Le Bons Bay AWS	236	13.3	7.5	10.4	-0.1	20.6	24	2.4	13	..	..	..	..	..	..
Lake Tekapo, Air Safa	762	15.2	2.4	8.8	+0.0	25.0	23	-5.3	13	64	12	+15	16	25	..
Lake Tekapo EWS	762	15.9	2.8	9.4	+0.6	25.4	23	-5.0	13	57	10	..	16	25	229
Fairlie AWS	403	15.3	4.6	10.0	..	25.7	24	-1.4	13	111	19	..	20	29	..
Pukaki Aerodrome AWS	473	18.4	3.0	10.7	..	28.0	23	-3.8	13	82	11	..	22	11	..
Hakataramea Valley Cw	355	17.5	4.5	11.0	..	27.4	23	-2.4	13	45	11	..	16	25	..
Orari Estate	81	16.8	4.9	10.9	+0.0	25.6	24	-0.2	13	80	13	+24	18	29	..
Orari Estate CWS	81	16.4	5.3	10.9	..	25.3	24	-0.1	15	74	13	..	18	29	..
Timaru Aero AWS	26	16.0	4.3	10.2	-0.2	22.9	24	-1.6	15	54	10	+5	17	25	..
Timaru EWS	17	15.2	6.2	10.7	-0.4	23.0	17	1.0	15	64	12	+18	16	25	..
Waimate CWS	39	15.4	5.2	10.3	..	21.9	17	0.0	5	38	12	..	13	25	..
Oamaru Airport AWS	30	15.2	5.7	10.5	+0.2	22.7	17	1.0	15	43	11	+10	13	25	..
Albert Burn	1280	8.6	0.7	4.7	..	17.5	21	-9.5	13	158	17	..	39	10	..
Mt Larkins EWS	1900	2.9	-2.8	0.1	..	11.0	22	-11.3	13	91	16	..	18	11	..
Eglinton, Knobs Flat	365	14.6	3.5	9.1	..	22.4	22	-4.3	13	105	18	..	22	24	..
Tara Hills AWS	488	17.3	3.8	10.6	+0.8	27.2	23	-3.3	13	78	11	+40	23	25	..
Wanaka CWS	331	16.6	5.6	11.1	..	25.0	23	-2.3	13	32	9	..	11	24	..
Wanaka Aero AWS	352	16.9	5.6	11.3	+0.8	25.9	23	-2.8	13	34	9	-14	9	24	..
Windsor EWS	81	15.7	4.3	10.0	-0.2	26.2	24	-0.9	13	37	11	-8	13	25	..
Ranfurly EWS	450	16.1	3.4	9.8	+0.7	25.5	23	-2.4	6	43	11	+6	10	24	..
Oamaru AWS	40	15.1	5.9	10.5	-0.3	22.9	17	1.1	31	44	17	..	13	25	..
Palmerston	21	16.1	4.9	10.5	+0.4	26.5	24	-0.9	31	41	14	-10	16	25	154
Middlemarch EWS	213	17.0	4.2	10.6	+0.5	24.9	21	-3.0	15	62	14	..	16	29	157
Swampy Summit AWS	722	11.6	3.4	7.5	..	21.8	23	-2.1	13	..	..	..	..	..	..
Dunedin Aero AWS	1	16.4	5.2	10.8	+0.5	24.2	24	-0.8	31	72	19	+14	11	29	..
Dunedin, Musselburgh	4	15.4	7.6	11.5	+0.6	24.1	24	2.7	31	55	16	-7	14	29	181
Oamaru EWS	20	14.6	5.7	10.2	..	21.7	17	1.0	31	46	13	..	13	25	220
Murchison Mtns EWS	1140	7.3	0.7	4.0	..	16.8	22	-6.5	13	180	19	..	44	24	..
Takahe Valley CWS	895	8.9	0.1	4.5	..	19.4	22	-7.0	13	166	16	..	33	24	..
Te Anau At Park HQ Cw	204	14.1	5.3	9.7	..	22.5	22	-2.0	13	..	..	..	..	..	..
Manapouri, West Arm J	178	13.3	4.9	9.1	+0.2	21.9	22	-1.6	13	290	22	..	56	24	..
Manapouri Aero AWS	209	14.8	3.4	9.1	-0.2	24.0	22	-4.6	13	102	16	-4	38	10	..
Birchwood WXT AWS	147	14.6	5.3	10.0	..	22.8	21	0.0	11	87	20	..	22	10	..
Queenstown	322	17.1	5.8	11.5	+0.5	25.0	21	-1.7	13	48	10	-40	14	24	188
Queenstown EWS	322	16.5	5.3	10.9	..	24.1	21	-2.1	13	47	9	..	14	24	..
Queenstown Aero AWS	354	15.8	4.0	9.9	+0.1	22.7	22	-4.2	13	31	9	-35	10	24	230
Five Rivers CWS	260	15.0	4.6	9.8	..	24.0	22	-0.7	6	108	17	..	30	29	..
Lumsden AWS	187	15.1	5.0	10.1	+0.3	23.8	21	-0.9	3	84	18	..	18	10	..
Waipounamu CWS	152	15.2	5.3	10.3	..	24.0	21	-0.2	31	86	18	..	20	10	..
Cromwell EWS	213	19.1	5.3	12.2	+0.9	28.5	23	-2.2	13	31	7	..	9	24	223
Lauder EWS	375	16.8	4.2	10.5	+0.5	26.4	23	-2.4	13	68	10	+34	32	29	..
Ophir 2	305	17.5	2.7	10.1	..	26.5	23	-5.2	13	46	11	..	13	29	..
Alexandra	150	19.8	5.2	12.5	+0.6	28.0	23	-3.9	13	41	11	..	11	10	197
Alexandra CWS	140	18.6	5.6	12.1	..	27.3	23	-2.2	13	43	14	..	14	10	..
Clyde 2 EWS	170	18.6	4.5	11.6	..	27.4	21	-3.4	13	35	11	..	11	24	..
Alexandra AWS	230	17.7	4.9	11.3	..	26.3	23	-2.7	13	41	11	..	10	10	..
Roxburgh WXT AWS	160	16.7	6.4	11.6	..	26.1	21	1.8	3	53	16	..	15	24	..
Ettrick No.2	91	17.5	5.2	11.4	+0.9	25.5	21	-0.1	31	51	13	-2	11	6	..
Waitutu CWS	30	14.7	4.5	9.6	..	23.6	21	-1.2	11	250	23	..	38	29	..
Winton 2	44	16.4	5.6	11.0	+0.9	29.0	22	-1.0	11	100	15	+25	23	10	134
Gore AWS	123	15.0	5.7	10.4	+0.5	22.8	22	-1.1	11	100	16	+23	25	10	..
Gore EWS	60	15.3	5.2	10.3	..	23.5	22	-1.3	11	81	17	..	21	10	169
Invercargill Aero	1	14.7	5.7	10.2	+0.3	22.6	23	-1.1	11	77	21	-18	11	10	163
Invercargill Aero AWS	1	14.8	5.6	10.2	+0.3	23.6	23	-1.7	11	79	18	..	14	10	..
Invercargill Aero 2 E		14.8	5.3	10.1	..	22.5	23	-1.5	11	76	19	..	14	10	184
Tiwai Point EWS	5	14.2	7.1	10.7	+0.4	21.5	24	0.3	11	57	22	-39	10	8	..
Stewart Is	3	14.1	5.9	10.0	+0.4	..	..	0.0	5	120	..	-28	22	16	..
Balclutha, Finegand	6	..	6.5	..	..	..	..	1.0	1	45	14	-16	9	10	..
Balclutha, Telford Ew	11	15.7	5.8	10.8	..	25.2	23	-0.8	31	51	18	..	9	24	134
Nugget Point AWS	129	13.6	6.8	10.2	+0.3	21.6	24	2.3	31	62	21	-9	13	29	..

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs				
Davis	13	-8.1	-16.2	-12.2	..	-0.3	16	-26.7	5	..	..	..	..	..
Progress	64	-9.4	-14.5	-12.0	..	..	..	..	..	..	..	..	..	..
Mirnyj	30	-10.6	-17.0	-13.8	..	-2.1	28	-31.0	2	..	..	..	..	..
Vostok	3420	-48.6	-59.4	-54.0	..	-39.8	27	-68.6	5	..	..	..	..	..
Casey	41	-7.3	-15.0	-11.2	..	..	..	..	..	..	..	..	..	..
Durmont Durville	43	-9.3	-17.2	-13.3	..	-3.9	28	-25.8	4	..	..	..	..	..
Mcmurdo	24	-11.5	-18.3	-14.9	..	0.0	29	-28.9	18	..	..	..	..	..
Ant Arrival Heights E	218	-12.7	-20.3	-16.5	..	-1.2	29	-28.5	22	..	..	..	..	..
Ant Scott Base EWS	20	-12.2	-20.8	-16.5	..	-0.8	29	-30.8	18	..	..	..	..	..
Casey, Skiway South	392	-8.9	-16.3	-12.6	..	..	..	..	..	..	..	..	..	..
Darwin Airport	31	34.2	15.1	24.7	..	..	..	..	..	..	..	..	..	..
Hobart Airport	4	22.2	8.6	15.4	..	..	..	..	..	..	..	..	..	..

Late returns and corrections for September 2018

Cape Reinga AWS	214	15.5	10.6	13.1	-0.4	18.9	17	7.4	4	..	..	..	..	..
Kerikeri Aerodrome Aw	150	16.9	8.0	12.5	-0.2	19.4	13	4.2	4	130	19	-32	55	18
Kaikohe AWS	204	15.2	8.4	11.8	-0.5	18.3	17	5.4	4	130	23	+6	47	18
Purerua AWS	82	16.7	9.2	13.0	..	18.8	17	6.0	4	93	16	..	57	18
Whangarei Aero AWS	37	17.0	9.3	13.2	-0.2	21.2	17	4.8	29	122	16	+12	44	18
Whangarei EWS	12	17.2	7.3	12.3	..	21.4	17	2.2	29	148	16	..	59	18
Mokohinau AWS	60	15.8	12.0	13.9	+0.1	..	..	..	..	..	..	..	..	..
Whangaparaoa AWS	89	16.6	10.0	13.3	+0.1	21.2	20	6.5	4	..	..	..	..	..
Auckland, Whenuapai A	26	16.8	8.6	12.7	+0.3	20.8	17	2.1	4	..	..	..	..	..
Auckland, Henderson N	7	18.0	8.3	13.2	+0.5	21.8	17	2.7	30	56	15	-75	11	24
Whitianga Aero AWS	5	16.7	8.1	12.4	+0.2	19.5	20	2.9	30	96	17	-73	40	18
Paeroa AWS	18	16.5	7.3	11.9	-0.4	..	..	2.9	28	..	..	..	..	..
Tauranga Aero AWS	4	17.2	8.6	12.9	+0.5	21.1	20	4.3	10	33	12	-52	9	2
Whakatane Aero AWS	7	17.1	6.6	11.9	+0.3	19.5	20	2.1	10	31	15	-61	7	5
Mamaku Radar WXT AWS	17	11.4	4.5	8.0	..	..	..	..	..	..	..	..	..	..
Kawerau AWS	42	18.7	6.6	12.7	..	23.0	20	1.6	10	..	..	..	..	199
Rotorua Aero AWS	283	14.9	5.3	10.1	-0.1	19.0	20	0.3	10	52	13	-56	18	2
Galatea AWS	174	16.1	5.4	10.8	..	..	..	..	..	..	..	..	..	..
Taupo AWS	400	14.2	3.7	9.0	-0.1	19.7	20	-4.3	10	32	10	-50	12	3
Auckland Aero	7	16.6	9.6	13.1	+0.1	20.6	20	5.6	4	46	16	-45	8	1
Auckland Aero Backup	7	16.5	9.8	13.2	..	..	..	..	..	..	..	..	..	..
Ardmore Aero AWS	41	17.1	8.0	12.6	..	..	..	..	..	..	..	..	..	..
Hamilton AWS	53	16.9	6.0	11.5	+0.2	22.7	20	1.0	10	57	12	-44	18	2
Port Taharoa AWS	27	15.6	9.9	12.8	+0.0	21.5	19	6.9	8	34	11	..	10	24
Taumarunui AWS	195	16.2	4.6	10.4	..	22.1	20	-2.0	10	..	..	..	..	176
New Plymouth AWS	30	15.3	7.8	11.6	+0.1	20.6	19	1.7	1	48	12	-72	11	24
Pahiatua EWS	110	14.6	6.1	10.4	..	20.2	20	-0.8	10	111	15	..	29	4
Masterton Aero AWS	138	15.6	4.3	10.0	..	22.2	20	-2.2	10	61	14	..	18	3
Takapau Plains AWS	330	13.5	4.9	9.2	-0.4	20.1	17	0.4	28	158	18	..	57	4
Cape Turnagain AWS	292	11.7	7.8	9.8	..	17.1	17	4.2	10	..	..	..	..	..
Akitio EWS	245	..	..	..	..	..	..	..	..	73	13	..	24	3
Castlepoint AWS	120	14.3	9.5	11.9	+0.3	18.7	17	4.0	10	79	10	+21	31	3
Ngawi AWS	6	15.0	9.3	12.2	-0.3	20.3	20	5.2	23	82	10	..	25	2
Hicks Bay AWS	46	16.2	9.3	12.8	+0.2	19.1	21	3.6	10	98	17	+3	22	1
Gisborne AWS	5	17.0	7.4	12.2	+0.1	25.1	13	1.2	10	117	15	+45	25	7
Gisborne EWS	12	17.2	7.5	12.4	..	24.9	13	1.1	10	141	12	..	39	7
Tolaga Bay WXT AWS	12	15.3	8.5	11.9	..	19.1	2	2.3	10	178	21	..	37	6
Napier Aero AWS	3	16.9	7.5	12.2	+0.6	23.0	13	0.0	10	129	10	+80	47	5
Hastings AWS	16	17.0	7.0	12.0	..	23.0	17	-0.6	10	155	15	..	57	5
Wairoa Aero AWS	13	16.4	7.0	11.7	..	25.0	13	0.0	10	264	22	..	90	5
Mahia Radar WXT AWS	419	12.8	7.3	10.1	..	..	..	..	..	..	..	..	..	..
Mahia AWS	136	14.4	8.8	11.6	-0.2	18.4	13	6.0	10	..	..	..	..	..
Cape Kidnappers WXT A	118	14.0	9.8	11.9	..	17.6	14	6.0	10	..	..	..	..	..
Paraparamu Aero AWS	5	14.6	7.6	11.1	+0.1	17.6	17	0.8	10	32	9	-57	8	24
Ohakea AWS	50	15.2	7.1	11.2	..	20.8	17	1.4	9	..	..	..	..	..
Palmerston North AWS	40	15.4	6.5	11.0	+0.1	21.0	17	-0.6	9	55	14	-30	19	2
Levin AWS	14	15.6	6.8	11.2	+0.2	20.9	19	-1.3	9	47	13	-56	21	2
Mana Island AWS	100	12.2	8.5	10.4	..	14.5	21	4.8	12	54	12	..	11	3
Wellington, Kelburn A	125	13.4	8.0	10.7	-0.1	18.5	20	5.0	23	106	13	+8	25	2

Station	Height of Station Above M.S.L.	Air Temperature								Rainfall					Bright Sun—shine
		Means of		Mean of A and B	Difference From Normal	Absolute Max and Min				Total Fall	No. of Rain Days	Difference From Normal	Max		
		A Max	B Min			Max	Date	Min	Date				Fall	Date	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm		mm	mm	Hrs		
Vanuatu,Lamap	22	..	22.9	..	..	..	..	..	..	..	..	..	..	..
Vanuatu, Bauerfield	20	26.8	19.3	23.1	..	30.7	17	13.0	11	150	17	..	40	17	
New Cal, Oulop	7	25.1	18.5	21.8	..	26.9	3	10.3	10	..	..	..	..	..
New Cal, Ouanaham	29	24.6	15.6	20.1	..	26.5	16	7.8	1	..	..	..	..	..
New Cal, La Roche	42	25.1	14.3	19.7	..	27.4	17	7.1	10	..	..	..	..	..
New Cal, La Tontouta	14	25.6	14.3	20.0	..	30.6	30	11.3	13	..	..	..	..	..
New Cal, Nouma	72	24.1	17.2	20.7	..	25.8	16	15.1	1	10	7	..	4	4	
New Cal, Moue	97	23.7	16.3	20.0	..	26.7	16	12.5	1	..	..	..	..	..
Kiribati,Butaritari	2	32.0	25.7	28.9	..	..	..	24.0	10	..	..	..	..	..
Kiribati,Tarawa	2	..	25.7	..	..	..	..	18.6	11	..	..	..	..	..
Kiribati, Bonriki Int	4	32.4	26.2	29.3	..	..	..	..	..	..	..	..	..	..
Kiribati,Beru	2	32.6	25.8	29.2	..	..	..	..	..	..	..	..	..	..
Fiji,Nadi Aero	15	30.3	22.2	26.3	..	33.9	6	18.2	9	..	..	..	..	..
Fiji,Nausori Aero	6	27.4	21.6	24.5	..	..	..	17.6	10	..	..	..	..	..
Wallis Island, Hihifo	27	30.5	24.8	27.7	..	31.2	15	20.6	7	..	..	..	..	..
Maopoopo, Futuna Isla	36	30.4	24.3	27.4	..	31.7	22	22.2	30	..	..	..	..	..
Samoa,Faleolo	4	31.5	22.7	27.1	..	..	..	..	..	..	..	..	..	..
Samoa, Apia	1	30.1	23.8	27.0	..	..	..	..	..	..	..	..	..	..
Samoa, Pago Pago Aero	3	29.7	25.3	27.5	..	..	..	..	..	..	..	..	..	..
Tonga, Queen Lavinia	60	30.4	23.3	26.9	..	..	..	..	..	..	..	..	..	..
Tonga,Keppel	2	29.1	24.6	26.9	..	..	..	..	..	..	..	..	..	..
Tonga, Lupepauu	67	..	21.6	..	..	..	..	..	..	..	..	..	..	..
Salote Pilolevu Airpo	2	26.6	22.7	24.7	..	28.7	7	..	..	..	..	..	..	..
Tonga,Fuaamotu Aero	38	26.2	20.3	23.3	..	29.0	5	..	..	..	..	..	..	..
CI Rarotonga Aero	7	27.1	20.8	24.0	..	30.0	9	..	..	..	..	..	..	..
Hiva Hoa, Atuona	51	29.6	22.3	26.0	..	32.2	26	20.9	20	70	15	..	35	14	
Tahiti - Faaa	1	28.5	21.9	25.2	..	30.3	11	20.0	25	25	9	..	9	19	
Tuamotu, Takaraoa	2	29.0	23.7	26.4	..	29.7	30	22.1	4	49	21	..	17	3	
Tuamotu, Hao	3	26.9	22.5	24.7	..	28.5	30	20.4	4	..	..	..	..	..
Gambier, Rikitea	91	23.7	19.5	21.6	..	..	..	16.5	24	226	25	..	69	6
Tubuai	2	23.6	18.5	21.1	..	26.1	12	15.6	26	..	..	..	..	..
Rapa	1	20.5	16.5	18.5	..	23.7	12	12.7	15	..	..	..	..	..
Raoul Island AWS	49	19.7	14.5	17.1	..	..	..	..	..	..	..	..	..	..
Enderby Is AWS	40	9.3	6.0	7.7	..	11.2	19	-0.7	26	3	7	..	1	22	
Chatham Island Aero A	12	13.9	8.3	11.1	..	17.3	14	0.7	29	72	20	..	23	8	
Georg Von Neumayer	40	-17.2	-26.4	-21.8	..	-8.1	22	-40.2	1	..	..	..	..	..
Ant South Pole	2827	-59.5	-65.7	-62.6	..	-44.4	29	-76.7	18	..	..	..	..	..
Gen Belgrano 2	256	-15.0	-23.4	-19.2	..	-7.5	15	-35.8	1	..	..	..	..	..
Bellingshausen	16	-1.8	-4.5	-3.2	..	2.3	10	..	..	..	..	..	..	..
Base Jubany	4	-0.6	-4.4	-2.5	..	5.1	11	-12.7	6	..	..	..	..	..
V C Marambio	198	-3.8	-14.3	-9.1	..	5.2	6	-28.2	6	..	..	..	..	..
Eduardo Frei	10	-2.1	-4.8	-3.5	..	1.1	10	-12.4	6	..	..	..	..	..
Arturo Prat		-1.5	-5.1	-3.3	..	0.9	10	-11.6	6	..	..	..	..	..
Great Wall	10	-0.8	-5.0	-2.9	..	..	..	..	..	..	..	..	..	..
Bernado Ohiggins	10	-3.5	-5.8	-4.7	..	0.5	9	-15.3	6	..	..	..	..	..
Palmer Station	8	-3.6	-8.6	-6.1	..	..	..	..	..	..	..	..	..	..
Rothera Point	16	-5.7	-12.0	-8.9	..	1.8	11	-23.0	20	..	..	..	..	..
Argentine Is, Faraday	11	-3.7	-10.9	-7.3	..	..	..	..	..	..	..	..	..	..
Gen San Martin	4	-4.6	-14.8	-9.7	..	5.0	8	-29.0	20	..	..	..	..	..
King Sejong	11	-1.0	-5.2	-3.1	..	..	..	..	..	..	..	..	..	..
Novolax Arevskaja	99	-13.8	-20.2	-17.0	..	-5.1	20	-29.9	29	..	..	..	..	..
Maitri		-12.8	-19.9	-16.4	..	..	..	..	..	..	..	..	..	..
Syowa	21	-16.1	-23.2	-19.7	..	-4.4	20	-31.1	18	..	..	..	..	..
Mawson	16	-14.4	-20.5	-17.5	..	-7.0	21	-28.3	8	..	..	..	..	..
Davis	13	-13.1	-20.4	-16.8	..	-5.4	25	-29.2	8	..	..	..	..	..
Progress	64	-14.0	-18.5	-16.3	..	-5.8	25	..	..	..	..	..	..	..
Mirnyj	30	-15.8	-20.5	-18.2	..	-5.5	15	-30.8	4	..	..	..	..	..
Vostok	3420	-59.9	-67.1	-63.5	..	-48.9	11	-77.8	7	..	..	..	..	..
Casey	41	-12.9	-22.4	-17.7	..	-3.4	13	..	..	..	..	..	..	..
Durmout Durville	43	-13.5	-20.1	-16.8	..	-7.0	10	-27.7	18	..	..	..	..	..
Mcmurdo	24	-20.9	-29.0	-25.0	..	..	..	..	..	..	..	..	..	..
Darwin Airport	31	33.6	15.8	24.7	..	36.0	23	11.5	27	..	..	..	..	..
Hobart Airport	4	20.6	6.9	13.8	..	35.0	10	2.3	3	..	..	..	..	..

